

International Nonproprietary Names (INN)
for pharmaceutical substances:
Names for radicals and groups
comprehensive list

July 1997



Programme on International Nonproprietary Names (INN)
Division of Drug Management & Policies
World Health Organization
Geneva

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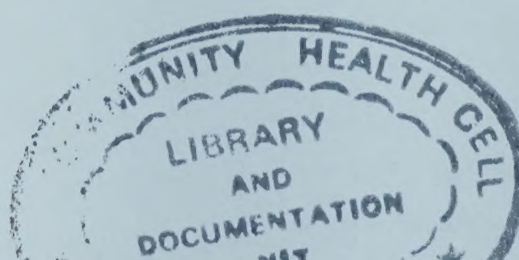
Programme on International Nonproprietary Names (INN)
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World Health Organization
Geneva

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DR-410
06515 297

INNs: Names for radicals and groups

Comprehensive list

Some substances for which a proposed international nonproprietary name has been established may be used in the form of salts or esters. The radicals or groups involved may be of complex composition and it is then inconvenient to refer to them in systematic chemical nomenclature. Consequently, shorter nonproprietary names for some radicals and groups have been devised or selected, and they are suggested for use with the proposed nonproprietary names.

The following list contains radicals and groups which have been published either in the section "Names for radicals and groups" in lists 1-77 of proposed INNs or as part of a two-word INN in lists 1-77 of proposed and 1-37 of recommended INNs, respectively. Whenever a name appeared in both lists, reference is made to its publication only in the category "radicals and groups". Only one reference is given for groups and radicals published as part of a two-word name.

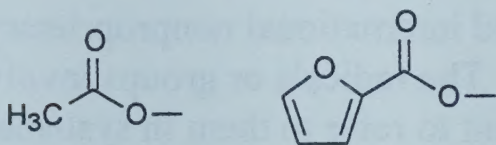
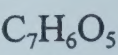
Other groups and elements which have been published in two-word INNs and which may now be considered as being part of the INN approach are listed in the ANNEX to this document.

In addition, references to British Approved Name (BAN), Japanese Approved Name (JAN) and United States Approved Name (USAN) have been included for the radicals, groups and adducts published or accepted for use by these national nomenclature committees.

Latin name	<i>prop./rec. list</i>
English name	<i>chemical name</i>
Dénomination en français	<i>molecular formula</i>
Denominación en español	<i>graphic formula</i>
() published as INN	

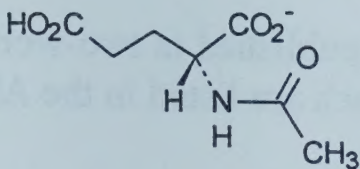
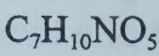
acefuras
(dexamethasoni acefuras (57) (27))

acefurate	acetate (ester), 2-furoate (ester)
acéfurate	acétate (ester), furane-2-carboxylate (ester)
acefurato	acetato (éster), 2-furoato (éster)



aceglumas
(deanoli aceglumas (15) (*))

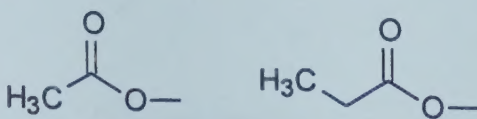
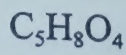
aceglumate	hydrogen <i>N</i> -acetylglutamate
acéglumate	(<i>RS</i>)-5-hydrogéno-2-(acétylamino)pentanedioate
aceglumato	hidrogeno <i>N</i> -acetilglutamato



and enantiomer
et énantiomère
y enantiómero

aceponas
(methylprednisoloni aceponas (52) (25))

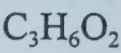
aceponate	acetate (ester), propionate (ester)
acéponate	acétate (ester), propanoate (ester)
aceponato	acetato (éster), propionato (éster)



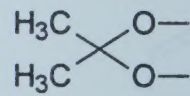
acetonidum

(fluocinoloni acetonidum (11) (05))

acetonide (isopropylidenedioxy)
acétonide [(1-méthyléthane-1,1-diyl)bis(oxy)]
acetonido (isopropilidenodioxi)

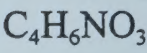


BAN

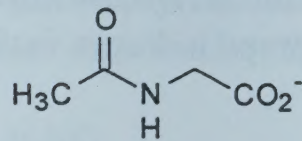


aceturas 22

aceturate *N*-acetylglycinate
acéturate 2-(acétylamino)acétate
aceturato *N*-acetylglucinato



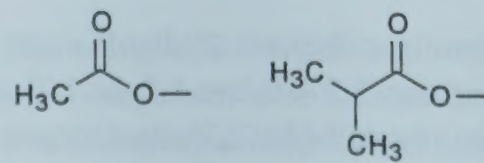
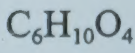
BAN
JAN
USAN



acibutas

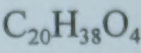
(betamethasoni acibutas (26) (12))

acibutate acetate (ester), isobutyrate (ester)
acibutate acétate (ester), 2-méthylpropanoate (ester)
acibutato acetato (éster), isobutirato (éster)

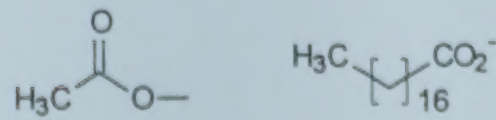


acistras 64

acistrate acetate (ester), stearate (salt)
acistrate acétate (ester), octodécanoate (sel)
acistrato acetato (éster), stearato (sal)



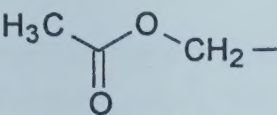
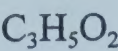
JAN
USAN



acoxilum 67

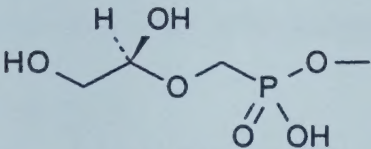
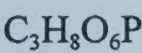
acoxil acetoxymethyl
acoxil (acétyloxy)méthyle
acoxilo acetoximetilo

JAN



alfosceras
(cholini alfosceras (60) (29))

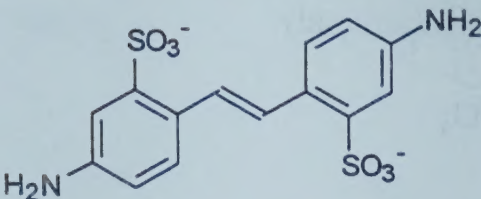
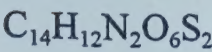
alfoscerate (R)-2,3-dihydroxypropyl hydrogen phosphate
alfoscérate hydrogénophosphate de (R)-2,3-dihydroxypropyle
alfoscerato (R)-2,3-dihidroxiampil hidrogen fosfato



amsonas 18

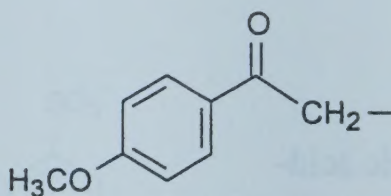
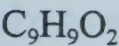
amsonate 4,4'-diaminostilbene-2,2'-disulfonate
amsonate 5,5'-diamino-2,2'-éthène-1,2-diyl dibenzènesulfonate
amsonate 4,4'-diaminostilbeno-2,2'-disulfonato

BAN
JAN



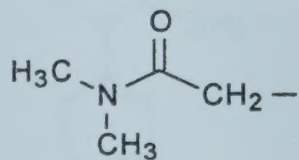
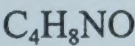
anisatilum 76

anisatil 2-(4-methoxyphenyl)-2-oxoethyl
anisatil 2-(4-méthoxyphényl)-2-oxoéthyle
anisatilo 2-(4-metoxifenil)-2-oxoetilo



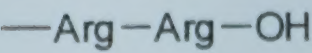
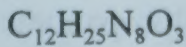
arbamelum
(tilnoprofenum arbamelum (74) (36))

arbamel ester with *N,N*-dimethylglycolamide
arbamel 2-(diméthylamino)-2-oxoéthyle
arbamel éster con *N,N*-dimetilglicolamida



arginum
(insulinum arginum (58) (28))

argine 30^Bα-L-arginine-30^Bβ-L-arginine
argine 30^Bα-L-arginine-30^Bβ-L-arginine
argino 30^Bα-L-arginina-30^Bβ-L-arginina



aritoxum

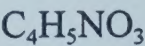
(dorlimomabum aritoxum (66) (32))

aritox	ricin A chain-MAB immunotoxine
aritox	Immunotoxine obtenue par couplage du MAB avec la chaîne A de la ricine
aritox	ricina A cadena anticuerpo inmunotoxina

aspartum

(insulinum aspartum (76))

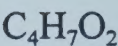
aspart	28 ^B -L-aspartic acid-
asparte	28 ^B -acide L-aspartique
asparta	28 ^B -L-ácido aspártico-



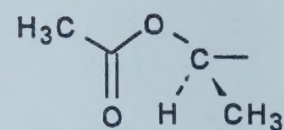
-Asp-

axetilum 48

axetil	(<i>RS</i>)-1-acetoxymethyl
axétil	(<i>RS</i>)-1-(acétyloxy)méthyle
axetilo	(<i>RS</i>)-1-acetoximetilo



BAN
JAN
USAN

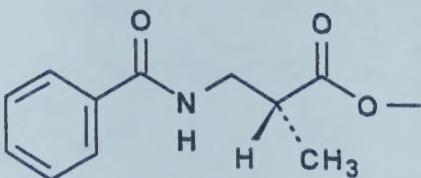
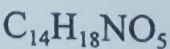


and enantiomer
et énantiomère
y enantiómero

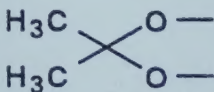
benetonidum

(triamcinoloni benetonidum (36) (17))

benetonide	<i>N</i> -benzoyl-2-methyl-β-alaninate (ester), acetonide
bénétonide	3-(benzoylamino)-2-méthylpropanoate (ester),acétonide
benetonide	<i>N</i> -benzoil-2-metil-β-alaninato (éster), acetono



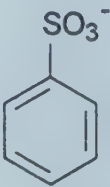
and enantiomer
et énantiomère
y enantómero



besilas22

besilatebenzenesulfonate
bésilatebenzènesulfonate
besilatobencenosulfonato

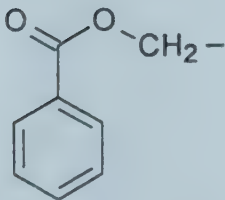
BAN: besylate
JAN
USAN: besylate



bezomilum62

bezomil(benzoyloxy)methyl
bézomil(benzoyloxy)méthyle
bezomilo(benzoiloxi)metilo

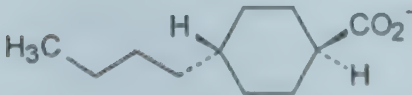
JAN



buciclas66

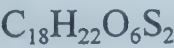
buciclatetrans-4-butylcyclohexanecarboxylate
buciclatetrans-4-butylcyclohexanecarboxylate
buciclato**trans**-4-butilciclohexanecarboxilato

JAN

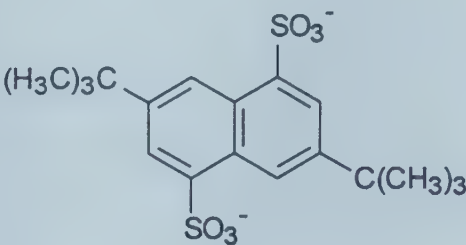


bunapsilas 24

bunapsilate 3,7-di-*tert*-butyl-1,5-naphtalenedisulfonate
bunapsilate 3,7-bis(1,1-diméthyléthyl)naphtalène-1,5-disulfonate
bunapsilate 3,7-di-*terc*-butil-1,5-naphtalenodisulfonato



JAN

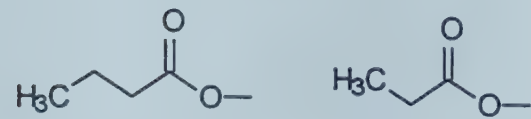


butepras 61

buteprate butyrate (ester), propionate (ester)
butéprate butanoate (ester), propanoate(ester)
buteprato burirato (éster), propionato (éster)



JAN
USAN

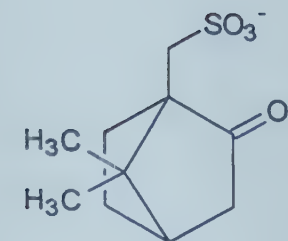


camsilas 18

camsilate camphorsulfonate
camsilate (7,7-diméthyl-2-oxobicyclo[2,2,1]hept-1-yl)méthanesulfonate
camsilato camforsulfonato



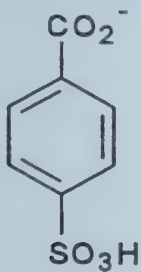
BAN: camyslate
JAN
USAN: camsylate



carbesilas 33

carbesilate p-sulfobenzoate
carbésilate 4-sulfobenzoate
carbesilato p-sulfobenzoato

JAN



ciclotas 28

ciclotate 4-methylbicyclo[2,2,2]oct-2-ene-1-carboxylate
ciclotate 4-méthylbicyclo[2,2,2]oct-2-ène-1-carboxylate
ciclotato 4-metilbiciclo[2,2,2]oct-2-eno-1-carbocilato

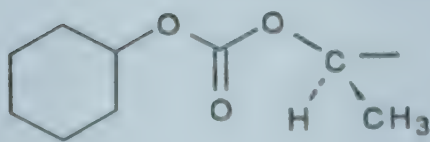
JAN
USAN:cyclotate



cilexetilum 73

cilexetil (RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]ethyl
cilexétíl (RS)-1-[[[(cyclohexyloxy)carbonyl]oxy]éthyle
cilexetilo (RS)-1-[[[(ciclohexiloxi)carbonil]oxi]ethilo

BAN

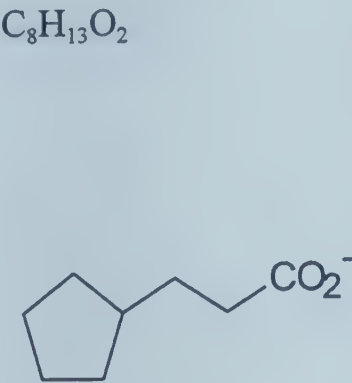


and enantiomer
et énantiomère
y enantiómero

cipionas 18

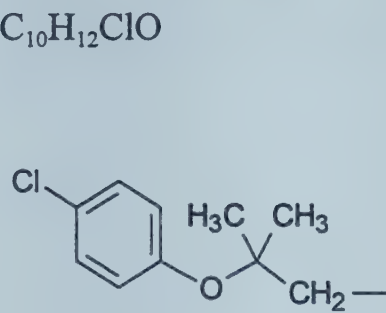
cipionate	cyclopentanepropionate
cipionate	3-cyclopentylpropanoate
cipionato	ciclopentanopropionato

BAN: cypionate
JAN
USAN:cypionate



clofibrolum
(acefyllinum clofibrolum (44) (22))

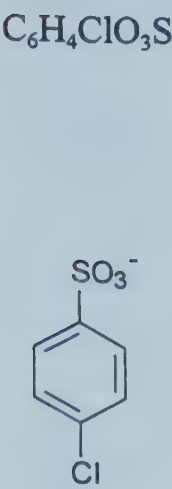
clofibrol	2-(4-chlorophenoxy)-2-methylpropyl
clofibrol	2-(4-chlorophénoxy)-2-méthylpropyle
clofibrolo	2-(4-chlorofenoxi)-2-metilpropilo



closilas 18

closilate	p-chlorobenzenesulfonate
closilate	4-chlorobenzènesulfonate
closilato	4-clorobencenosulfonato

BAN: closylate
JAN
USAN: closylate

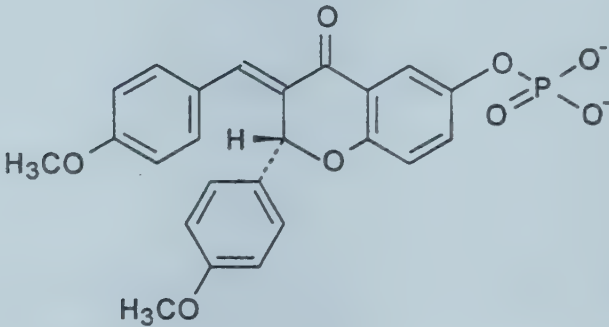


crobefas 61

crobefate (±)-(E)-6-hydroxy-4'-methoxy-3-(p-methoxybenzylidene)flavanone,
phosphate, ion 2⁻
crobéfate phosphate de (E)-(RS)-3-(4-méthoxybenzylidène)-2-(4-méthoxyphényl)-4-oxo-3,4-dihydro-2H-chromén-6-yle, ion 2⁻
crobefato fosfato de (±)-(E)-6-hidroxi-4'-metoxi-3-(p-metoxibenzilideno)flavanono, ion 2⁻



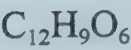
JAN



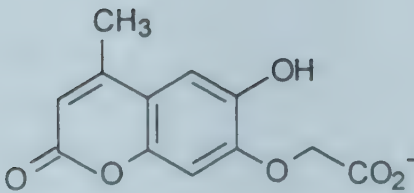
and enantiomer
et énantiomère
y enantiómero

cromacas 22

cromacate [(6-hydroxy-4-methyl-2-oxo-2H-1-benzopyran-7yl)oxy]acetate
cromacate 2-[(6-hydroxy-4-méthyl-2-oxo-2H-chromén-7-yl)oxy]acétate
cromacato [(6-hidroxi-4-metilo-2-oxo-2H-1-benzopirano-7-ilo)oxi]acetato



JAN



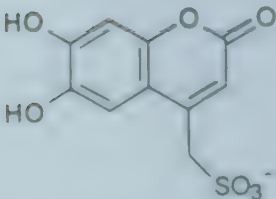
cromesilas 22

cromesilate 6,7-dihydroxycoumarin-4-methanesulfonate
cromésilate (6,7-dihydroxy-2-oxo-2H-chromén-4-yl)méthanesulfonate
cromesilato 6,7-dihidroxicoumarino-4-metanosulfonato



JAN

BAN

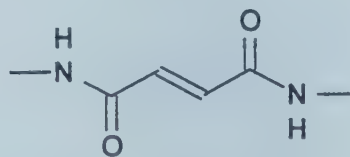


crosfumarilum

(hemoglobinum crosfumarilum (76) (*))

crosfumaril
crosfumaril
crosfumarilo

symetric diamide with fumaric acid
diamide symétrique avec l'acide fumarique
simetrica diamida con el ácido fumárico

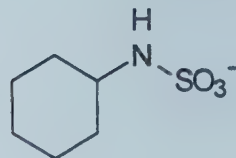


cyclamas

(aminophenazoni cyclamas (16) (*))

cyclamate
cyclamate
ciclamoto

cyclohexylsulfamate
cyclohexylsulfamate
ciclohexilosulfamato

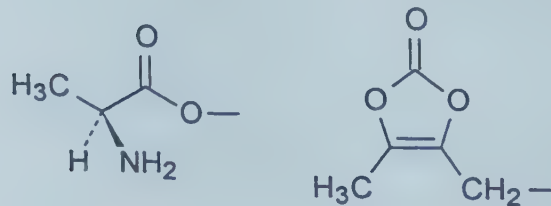


daloxatum

(cefcanelum dolaxatum (59) (29))

daloxate
daloxate
daloxato

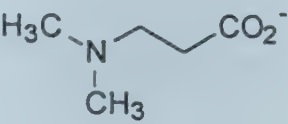
L-alaninate (ester), 2,3-dihydroxy-2-butenyl cyclic 2,3-carbonate
(S)-2-aminopropanoate (ester), (5-méthyl-2-oxo-1,3-dioxol-4-yl)
méthyle
L-alaninato (éster), 2,3-dihidroxi-2-butenil ciclico 2,3-carbonato



dapropas 74

dapropate *N,N*-dimethyl-β-alanine
dapropate 3-(diméthylamino)propanoate
dapropato *N,N*-dimetilo-β-alanina

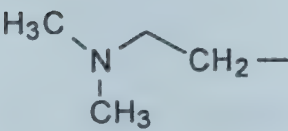
USAN



deanil 40

deanil 2-(dimethylamino)ethyl
déanil 2-(diméthylamino)éthyle
déanilo 2-(dimetilamino)etilo

JAN



decil 40

decil decyl
décil décyle
decilo decilo

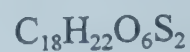
JAN



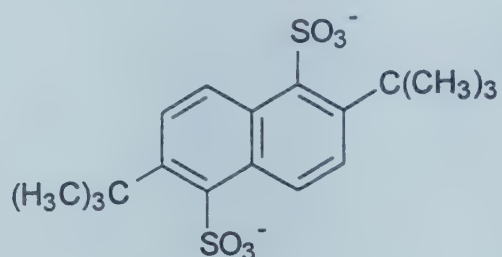
defalanum
(## insulinum defalanum (37) (*))

defalan 1^B-de(L-phenylalanine)
défalan 1^B-dés(L-phénylalanine)
defalan 1^B-de(L-fenilalanina)

dibudinas 25

dibudinate
dibudinate
dibudinato2,6-di-*tert*-butyl-1,5-naphtalenedisulfonate
2,6-bis(1,1-diméthyléthyl)naphtalène-1,5-disulfonate
2,6-di-*terc*-butil-1,5-naftalenodisulfonato

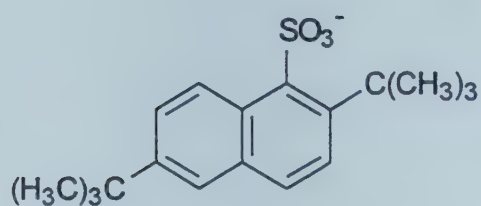
JAN



dibunas 48

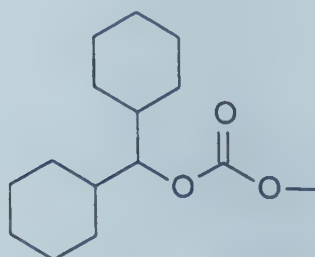
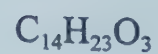
dibunate
dibunate
dibunato2,6-di-*tert*-butyl-1-naphtalene-1-sulfonate
2,6-bis(1,1-diméthyléthyl)naphtalène-1-sulfonate
2,6-di-*terc*-butil-1-naftalenosulfonato

JAN



dicibas

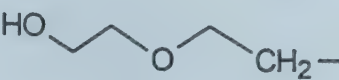
(locicortoloni dicibas (60) (29))

dicibate
dicibate
dicibatodicyclohexylmethyl carbonate
carbonate de dicyclohexylméthyle
diciohecilmetilo carbonato

digolilum 59

digolil 2-(2-hydroxyethoxy)ethyl
digolil 2-(2-hydroxyéthoxy)éthyle
digolilo 2-(2-hidroxietoxi)etilo

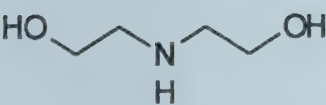
JAN $C_4H_9O_2$



diolaminum 22

diolamine diethanolamine
diolamine 2,2'-iminodiéthanol
diolamina dietanolamina

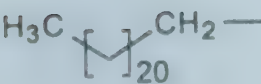
JAN $C_4H_{11}NO_2$
USAN



docosilum 63

docosil docosyl
docosil docosyle
docosilo docosilo

JAN $C_{22}H_{45}$



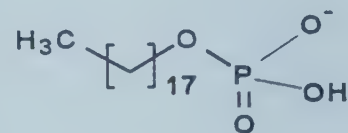
dofosfatum 65

dofosfate
dofosfate
dofostato

octadecyl hydrogen phosphate
hydrogénophosphate d'octadécyle
hidrogenofosfato de octadecilo



JAN



edaminum 70
edamine
édamine
edamina

ethylene diamine
éthane-1,2-diylldiamine
etilen diamina



USAN



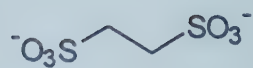
edisilas 18

edisilate
édisilate
edisilato

1,2-ethanedisulfonate
éthane-1,2-disulfonate
1,2-etandisulfonato



BAN: edisylate
JAN
USAN: edisylate

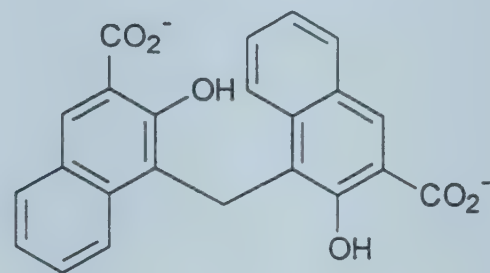


embonas 18

embonate 4,4'-methylenebis(3-hydroxynaphtoate)
embonate 4,4'-méthylènebis(3-hydroxynaphtalène-2-carboxylate)
embonato 4,4'-metilenbis(3-hidrocinaftoato)



BAN
JAN
USAN:pamoate



enantas 18

enantate heptanoate
énantate heptanoate
enantato eptanoato

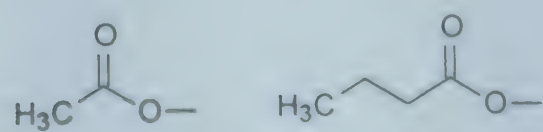


BAN: enanthate
JAN
USAN:enantate



enbutas
(icometasoni enbutas (70) (34))

enbutate acetate (ester), butyrate (ester)
enbutate acétate (ester), butanoate (ester)
enbutato acetate (éster), butirato (ester)

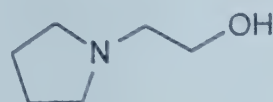


epolaminum 69

epolamine	1-pyrrolidineethanol
épolamine	2-(pyrrolidin-1-yl)éthanol
epolamina	1-pirolidinaetanolo



USAN

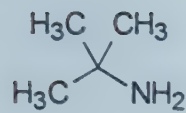


erbuminum 62

erbumine	<i>tert</i> -butylamine
erbumine	1,1-diméthyléthylamine
erbumina	<i>terc</i> -butilamina



BAN
JAN
USAN



esilas 18

esilate	ethanesulfonate
ésilate	éthanesulfonate
esilato	etanosulfonato



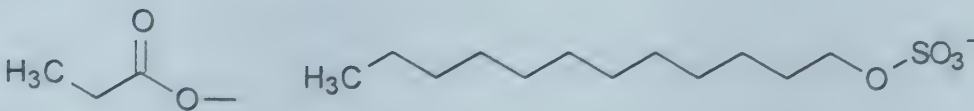
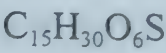
BAN: esylate
JAN
USAN:esylate



estolas 28

estolate
estolate
estolato
propionate (ester), laurylsulfate (salt)
propanoate (ester), sulfate de dodécyle (sel)
propionato (éster), laurilsulfato (sal)

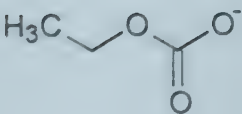
JAN
USAN



etabonas 64

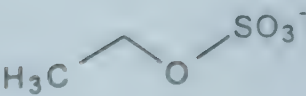
etabonate
étabonate
etabonato
ethyl carbonate
carbonate d'éthyle
etilo carbonato

JAN
USAN



etilsulfas 51 24

etilsulfate
étilsulfate
etilsulfato
ethyl sulfate
sulfate d'éthyle
etilo sulfato

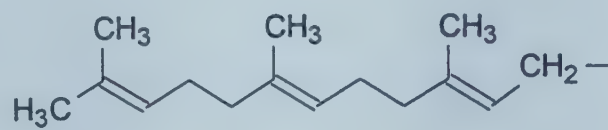


farnesilum 61

farnesil (2*E*,6*E*)-3,7,11-trimethyl-2,6,10-dodecatrienyl
farnésil (2*E*,6*E*)-3,7,11-triméthyldodéca-2,6,10-triényle
farnesilo (2*E*,6*E*)-3,7,11-trimethilo-2,6,10-dodecatrienilo

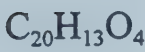


JAN

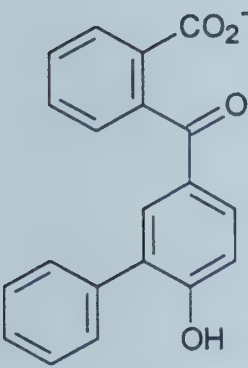


fendizoas 64

fendizoate 2-[(6-hydroxybiphenyl-3-yl)carbonyl]benzoate
fendizoate 2-[(6-hydroxybiphényl-3-yl)carbonyl]benzoate
fendizoato 2-[(6-hidroxibiphenil-3-il)carbonil]benzoato

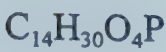


JAN



fostedatum 70

fostedate tetradecyl hydrogen phosphate
fostédate hydrogénophosphate de tétradécyle
fostedato hidrogenofosfato de tetradecilo

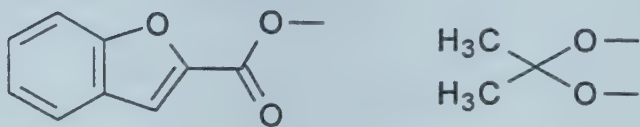
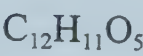


USAN



furetonidum
(triamcinoloni furetonidum (36) (17))

furetonide benzofurane-2-carboxylate (ester), acetonide
furétonide benzofurane-2-carboxylate (ester), acétonide
furetonido benzofuran-2-carboxilato (éster), acetenido



glarginum
(insulinum glarginum (76) (*))

glargine 21^A-glycine-30^Bα-L-arginine-30^Bβ-L-arginine
glargine [21^A-glycine]30^Bα-L-arginine-30^Bβ-L-arginine
glargina 21^A-glycina-30^Bα-L-arginina-30^Bβ-L-arginina

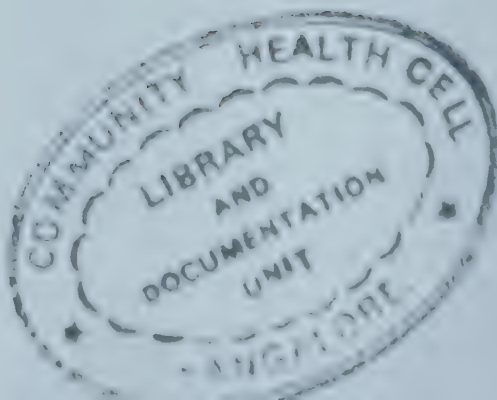
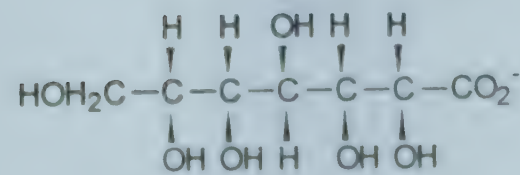


gluceptas 18

gluceptate *D*-glycero-*D*-gulo-heptonate
gluceptate *D*-glycéro-*D*-gulo-heptonate
gluceptato *D*-glicero-*D*-gulo-eptonato



BAN
JAN
USAN



guacilum

(amtolmetinum guacilum (65) (32))

guacil

2-methoxyphenyl

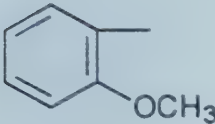
guacil

2-méthoxyphényl

guacilo

2-metoxifenilo

C₇H₇O



hexacetonidum

(triamcinoloni hexacetonidum (15)(06))

hexacetonide

3,3-dimethylbutyrate (ester), acetone

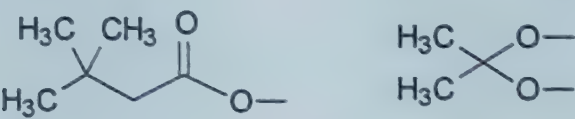
hexacétonide

3,3-diméthylbutanoate (ester), acétonide

hexacetonido

3,3-dimetilburirato (éster), acetono

C₉H₁₇O₄



hibenzas

18

hibenzate

p-(4-hydroxybenzoyl)benzoate

hibenzate

4-(4-hydroxybenzoyl)benzoate

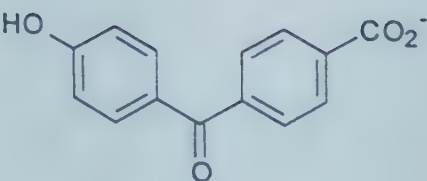
hibenzato

4-(4-hidroxi benzoil)benzoato

C₁₄H₉O₄

JAN

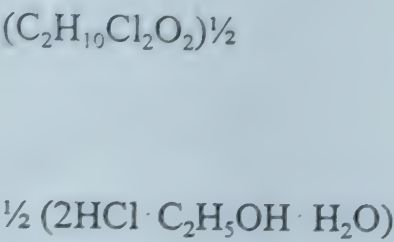
USAN:hybenzate



hyclas 62

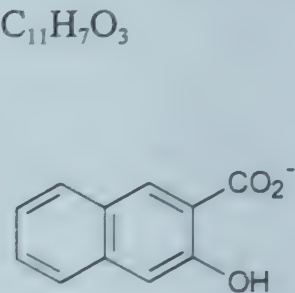
hyclate monohydrochloride hemiethanolate hemihydrate
hyclate combinaison d'un monochlorhydrate avec ½ mole d'éthanol et
½ mole d'eau
hiclato monochlorhidrato hemietanol hemihidrato

JAN
USAN



hydroxynaphthoas
(bephinii hydroxynaphthoas (11) (05))

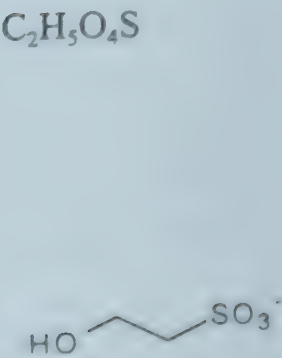
hydroxynaphthoate 3-hydroxy-2-naphthoate
hydroxynaphthoate 3-hydroxynaphtalène-2-carboxylate
hidroxinaftoato 3-hidroxi-2-naftoato



isetionas 18

isetionate 2-hydroxyethanesulfonate
isétionate 2-hydroxyéthanesulfonate
isetionato 2-hidroxiethanesulfonato

BAN: isethionate
JAN
USAN: isethionate

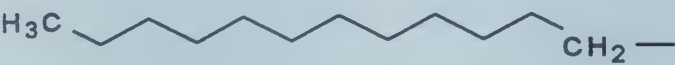


lauril 41

lauril *n*-dodecyl
lauril dodécyle
laurilo *n*-dodecilo



JAN

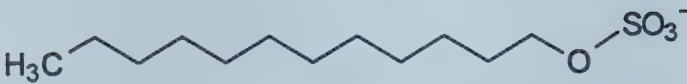


laurilsulfas 24

laurilsulfate *n*-dodecylsulfate
laurilsulfate sulfate de dodécyle
laurilsulfato *n*-dodecilsulfato

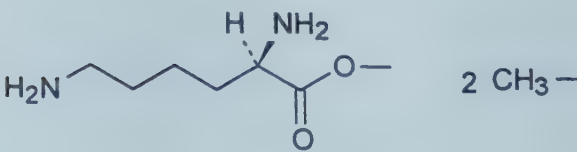


JAN



lisetilum
(cromoglicas lisetilum (72) (35))

lisetil L-lysinate (ester), dimethylether
lisétil L-lysinate (ester), diéther méthylique
lisetilo L-lisinato (ester), dimetiletero



lisprum

(insulinum lisprum (72) (35))

lispro 28^B-L-lysine-29^B-L-proline
 lispro [28^B-L-lysine-29^B-L-proline]
 lispro 28^B-L-lisina, 29^B-L-prolina

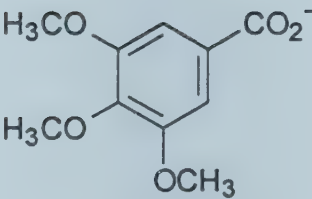
— Lys - Pro

megallas 33

megallate 3,4,5-trimethoxybenzoate
 mégallate 3,4,5-triméthoxybenzoate
 megallato 3,4,5-trimetoxibenzoato

C₁₀H₁₁O₅

BAN
 JAN

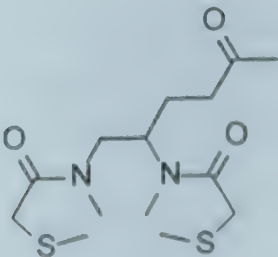


merpentanum

(technetium (^{99m} Tc) nofetumomabum merpentanum (76))

merpentan [N,N'-[(2-formylethyl)ethylene]bis[2-mercaptoacetamidato]](4-)
 merpentan [N,N'-[1-(3-oxopropyl)éthane-1,2-diyl]bis[2-sulfanylacétamidato]](4-)
 merpentan [N,N'-[1-(3-oxopropil)etano-1,2-diil]bis[2-sulfanilacetamidato]](4-)

C₉H₁₁N₂O₃S₂

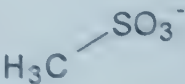


mesilas 18

mesilate methanesulfonate
mésilate méthanesulfonate
mesilato metanosulfonato



BAN: mesylate
JAN
USAN:mesylate

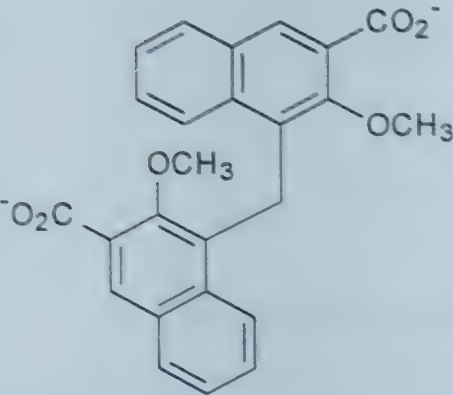


metembonas 26

metembonate 4,4'-methylenbis(3-methoxy-2-naphtoate)
métembonate 4,4'-méthylènebis(3-méthoxynaphtalène-2-carboxylate)
metembonato 4,4'-metilenbis(3-metoxi-2-naftoato)

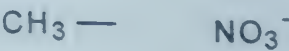


JAN



methonitras
(atropini methonitras (04) (03))

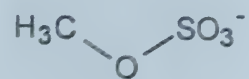
methonitrate N-methyl, nitrate (salt)
méthonitrate N-méthyl, nitrate (sel)
metonitrato N-metil, nitrato (sal)



metilsulfas 18

metilsulfate
métilsulfate
metilsulfatomethylsulfate
sulfate de méthyle
metilsulfato

JAN

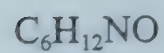
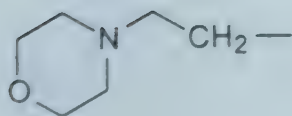


metiodidum

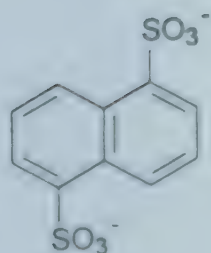
(buzepidi metiodidum (14) (05))

metiodide
métiodure
metioduro*N*-methyl, iodide (salt)
N-méthyl, iodure (sel)
N-metilo, ioduro (sal)

mofetilum 65

mofetil
mofétil
mofetilo2-morpholinoethyl
2-(morpholin-4-yl)éthyle
2-morfolinoetiloJAN
USAN

napadisilas 18

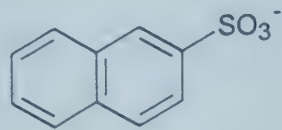
napadisilate
napadisilate
napadisilato1,5-naphtalenedisulfonate
naphtalène-1,5-disulfonate
1,5-naftalenodisulfonatoBAN: napadisylate
JAN

napsilas 18

napsilate 2-naphtalenesulfonate
napsilate naphtalène-2-sulfonate
napsilato 2-naftalenosulfonato



BAN:napsylate
JAN
USAN:napsylate



octilum 65

octil octyl
octil octyle
octilo octilo

JAN



olaminum 22

olamine ethanolamine
olamine 2-aminoéthanol
olamina etanolamina



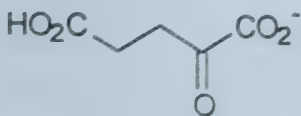
JAN
USAN



oxogluras 22

oxoglurate 4-carboxy-2-oxobutanoate
oxoglurate 4-carboxy-2-oxobutanoate
oxoglurato 4-carboxi-2-oxobutanoato

JAN $C_5H_5O_5$



pegolum
(enlimomab pegol (77))

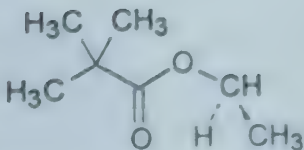
pegol α -(2-carboxyethyl)- ω -methoxypoly(oxy-1,2-ethanediyl)
pégol *N, N', N'', N''', N''''*-pentakis[α -méthylpoly(oxyéthylène)- ω -
(oxypropanoyl)
pegol α -(2-carboxietil)- ω -metoxipoli(oxi-1,2-etanodiil)

USAN

pamoate -> see embonate

pentexilum 65

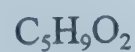
pentexil 1-hydroxyethyl pivalate (ester)
pentexil (*RS*)-1-[(2,2-diméthylpropanoyl)oxy]éthyle
pentexilo 1-hidroxietil pivalato (éster)



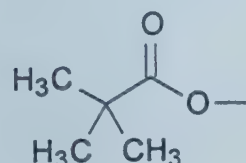
and enantiomer
et énantiomère
y enantiómero

pivalas 18

pivalate trimethylacetate (ester)
 pivalate 2,2-diméthylpropanoate (ester)
 pivalato trimetilacetato (éstero)



BAN
 JAN
 USAN

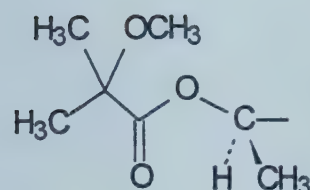


pivoxetilum 54

pivoxetil 1-(2-methoxy-2-methyl-1-oxopropoxy)ethyl
 pivoxétil (RS)-1-[(2-méthoxy-2-méthylpropanoyl)oxy]éthyl
 pivoxetilo 1-(2-metoxi-2-metil-1-oxopropoxi)etilo



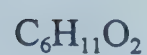
BAN
 JAN
 USAN



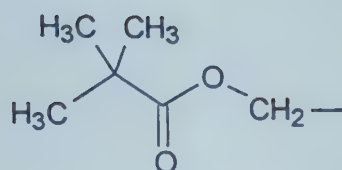
and enantiomer
 et énantiomère
 y enantiómero

pivoxil 44

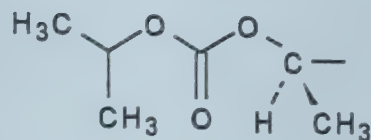
pivoxil (pivaloyloxy)methyl
 pivoxil [(2,2-diméthylpropanoyl)oxy]méthyl
 pivoxilo (pivaloiloxi)metilo



JAN
 USAN



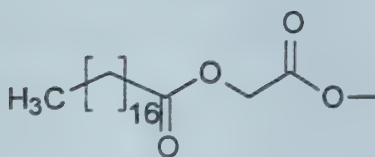
proxetilum 58

proxetil
proxétil
proxetilo1-[(isopropoxycarbonyl)oxy]ethyl
(*RS*)-1-[[[(1-méthyléthoxy)carbonyl]oxy]éthyle
1-[(isopropoxycarbonil)oxi]etilo $C_6H_{11}O_3$ BAN
JAN
USANand enantiomer
et énantiomère
y enantiómero

steaglas 18

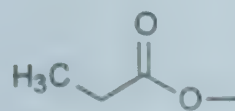
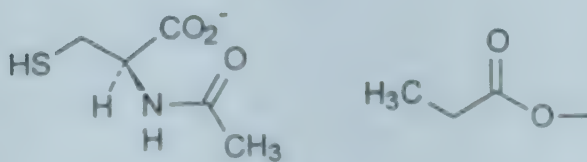
steaglate
stéaglate
esteaglatostearoyl-glycolate (ester)
2-(octodécanoxyloxy)acétate (ester)
estearoylglicolato (éster) $C_{20}H_{37}O_4$

JAN:steagrate



stinopras

(erythromycini stinopras (58) (*))

stinoprate
stinoprate
estinoprato*N*-acetylcysteinate (salt), propionate (ester)
(*S*)-2-(acétylamino)-3-sulfanylpropanoate (sel), propanoate (ester)
N-acétilcisteinato (sel), propionato (éster) $C_8H_{13}NO_5S$ 

DR 410

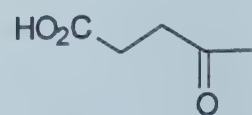
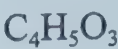
00515



succinilum

(norfloxacini succinilum (58) (28))

succinil	3-carboxypropionyl
succinil	3-carboxypropanoyl
succinilo	3-carboxipropionilo



sudotoxum

(alvirceptum sudotoxum (69) (34))

sudotox	248-L-histidine-249-L-methionine-250-L-alanine-251-L-glutamic acid-248-613-exotoxin A (<i>Pseudomonas aeruginosa</i> reduced)
sudotox	248-L-histidine-249-L-méthionine-250-L-alanine-251-acide L-glutamique-248-613-exotoxine A (<i>Pseudomonas aeruginosa</i> réduite)
sudotox	248-L-histidina-249-L-methionina-250-L-alanina-251-acido L-glutamico-248-613-exotoxina A (<i>Pseudomonas aeruginosa</i> reducida)

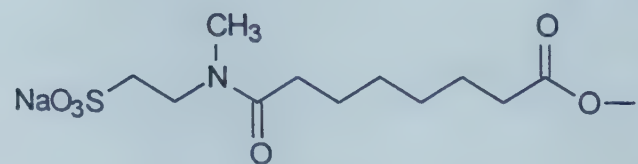
suleptanas

(methylprednisoloni suleptanas (56) (27))

suleptanate	7-[methyl(2-sulfoethyl)carbamoyl]heptanoate (ester), monosodium salt
suleptanate	8-[(méthyl)(2-sulfoéthyl)amino]-8-oxooctanoate (ester), sel monosodique
suleptanato	7-[metil(2-sulfoetil)carbamoil]heptanoato (éster), sal monosidico



BAN



sulfoxylas

(phenarsoni sulfoxylas (01) (*))

sulfoxylate	methylenesulfinat, monosodium salt
sulfoxylate	méthylènesulfinat de sodium
sulfoxilato	metilensulfinato, sal monosodico
	$\text{CH}_2\text{NaO}_2\text{S}$
	$\text{—CH}_2\text{—SO}_2\text{Na}$

tafenatoxum

(nacolomabum tafenatoxum (71) (35))

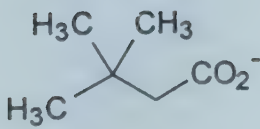
tafenatox	enterotoxin A (<i>Staphylococcus aureus</i>)
tafénoat	entérotoxine A (<i>Staphylococcus aureus</i>)
tafenatox	enterotoxina A (<i>Staphylococcus aureus</i>)

tebutas 22

tebutate	tertiary butyl acetate
tébutate	3,3-diméthylbutanoate
tebutato	terc-butilo acetato



JAN
USAN

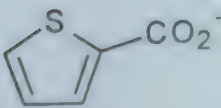


tenoas 52

tenoate	2-thiophenecarboxylate
ténoate	thiophène-2-carboxylate
tenoato	2-tiofenocarboxilato



JAN

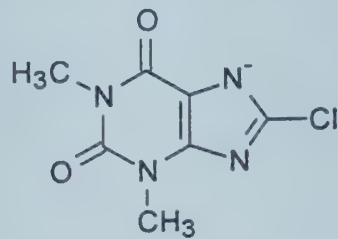


teoclas 18

teoclate 8-chlorotheophyllinate
téoclate 8-chloro-1,3-diméthyl-2,6-dioxo-3,7-dihydro-1*H*-purin-7-ure
teoclato 8-cloroteofillinato



BAN:theoclate
JAN

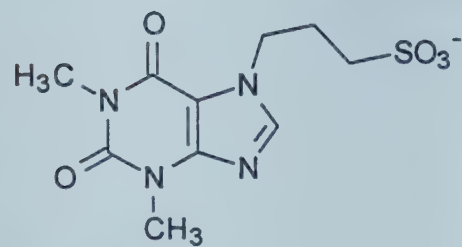


teprosilas 29

teprosilate 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-propanesulfonate
téprosilate 3-[1,3-diméthyl-2,6-dioxo-1,2,3,6-tétrahydro-7*H*-purin-7-yl]propanesulfonate
teprosilato 1,2,3,6-tetrahidro-1,3-dimetil-2,6-dioxopurina-7-propansulfonato

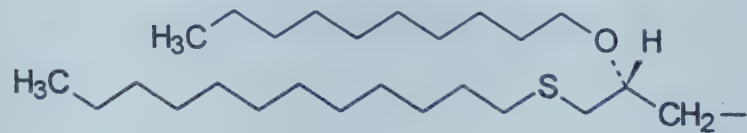


JAN



tidoxilum
(fozivudinum tidoxilum (73))

tidoxil (2*RS*)-2-(decyloxy)-3-(dodecylthio)propyl
tidoxil (2*RS*)-2-(décyloxy)-3-(dodécylsulfanyl)propyle
tidoxilo (2*RS*)-2-(deciloxi)-3-(dodeciltio)propil

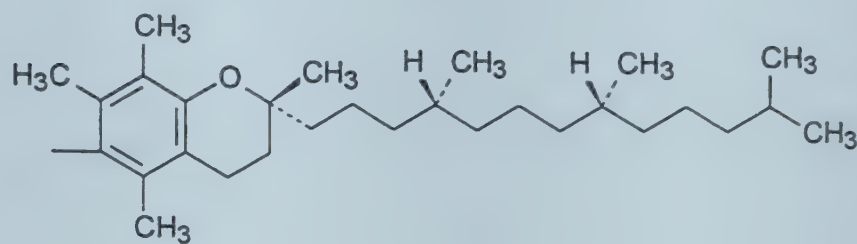
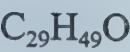


and enantiomer
et énantiomère
y enantiómero

tocoferilum

(tretinoinum tocoferilum (66) (32))

- tocoferil (±)-(2*R*^{*})-2,5,7,8-tetramethyl-2-[(4*R*^{*},8*R*^{*})-4,8,12-trimethyltridecyl]-6-chromanyl
- tocofénil (±)-(2*R*^{*})-2,5,7,8-tétraméthyl-2-[(4*R*^{*},8*R*^{*})-4,8,12-triméthyltridécy]-3,4-dihydro-2*H*-chromén-6-yl
- tocoferilo (±)-(2*R*^{*})-2,5,7,8-tetrametil-2-[(4*R*^{*},8*R*^{*})-4,8,12-trimetiltridecil]-6-chromanilo

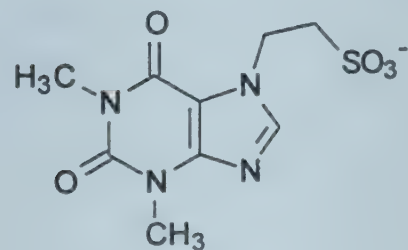


tofesilas 27

- tofesilate 1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurine-7-ethanesulfonate
- tofésilate 2-(1,3-diméthyl-2,6-dioxo-1,2,3,6-tétrahydro-7*H*-purin-7-yl)éthanesulfonate
- tofesilato 1,2,3,6-tetrahidro-1,3-dimetil-2,6-dioxopurine-7-etansulfonato



JAN

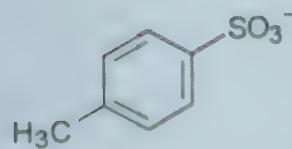


tosilas 18

- tosilate p-toluenesulfonate
- tosilate 4-méthylbenzènesulfonate
- tosilato p-toluensulfonato



BAN:tosylate
JAN
USAN:tosylate

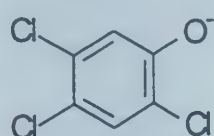


triclofenas 18

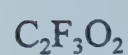
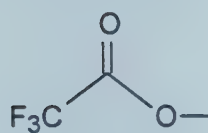
triclofenate 2,4,5-trichlorophenolate
triclofénate 2,4,5-trichlorophénolate
triclofenato 2,4,5-triclorofenolato



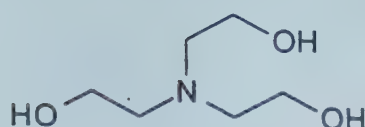
JAN

**triflutas** 64

triflutate trifluoroacetate
triflutate 2,2,2-trifluoroacétate
triflutato trifluoroacetato

JAN
USAN**trolaminum** 22

trolamine triethanolamine
trolamine 2,2',2''-nitritotriéthanol
trolamina triolamina

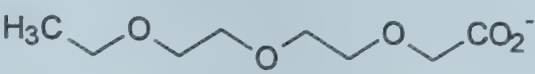
JAN
USAN

troxundas 46

troxundate [2-(2-ethoxyethoxy)ethoxy]acetate
troxundate [2-(2-éthoxyéthoxy)éthoxy]acétate
troxundato [2-(2-etoxietoxi)etoxi]acetato

BAN
JAN

 $C_8H_{15}O_5$

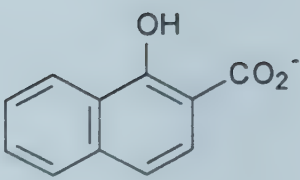


xinafoas 63

xinafoate 1-hydroxy-2-naphthoate
xinafoate 1-hydroxynaphtalène-2-carboxylate
xinafoato 1-hidroxi-2-naftoato

BAN
JAN
USAN

 $C_{11}H_7O_3$



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ANNEX

The following groups and elements have also been published together with INNs:

benzoas

benzoate

benzoate

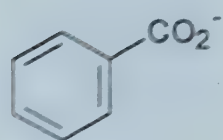
benzoato

benzoate

benzèncarboxylate

benzoato

$C_7H_5O_2$



bromidum

bromide

bromure

bromuro

Br^-

caproas

caproate

caproate

caproato

hexanoate

hexanoate

hexanoato

$C_6H_{11}O_2$

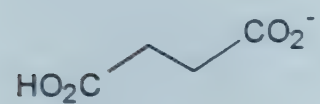


chloride
chlorure
cloruro



hemisuccinate
hémisuccinate
hemisuccinato

3-carboxypropionate
3-carboxypropanoate
3-carboxipropionato

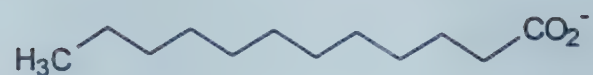
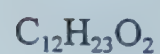


iodide
iodure
ioduro



laurate
laurate
laurato

dodecanoate
dodécanoate
dodecanoato



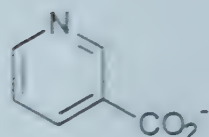
methylbromidum

methylbromide *N*-methyl, bromide (salt)
méthylbromure *N*-méthyl, bromure (sel)
metilbromuro *N*-metil, bromuro (sal)



nicotinas

nicotinate 3-pyridinecarboxylate
nicotinate pyridine-3-carboxylate
nicotinato 3-piridincarboxilato



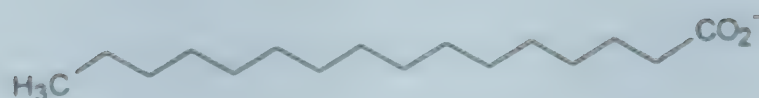
oleas

oleate oleate
oléate (*E*)-octadéc-9-énoate
oleato oleato



palmitas

palmitate hexadecanoate
palmitate hexadécanoate
palmitato hexadecanoato



perchloras

perchlorate
perchlorate
perclorato



potassio(kalii)

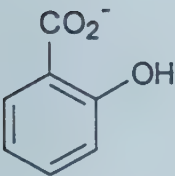
potassium
patassium
patásico



salicylas

salicylate
salicylate
salicilato

salicylate
2-hydroxybenzoate
salicilato



sesquioleas

sesquioleate
sesquioléate
sèsquioleato

sesquioleate
sesquioléate
sesquioleato



sodio(natrii)

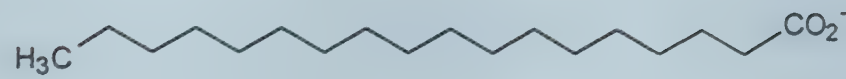
sodium
sodium
sódico



stearas

stearate
stéarate
éstearato

octadecanoate
octadécanoate
octadecanoato



sulfas

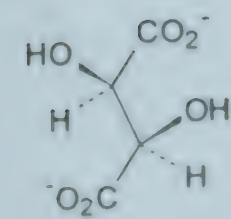
sulfate
sulfate
sulfato



tartras

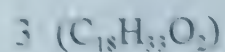
tartrate
tartrate
tartrato

tartrate
(2*R*,3*R*)-2,3-dihydroxybutanedioate
tartrato



trioleate
trioleate
trioleato

trioleate
tri-(*E*)-octadéc-9-énoate
trioleato



tristearate
tristearate
trièstearato

tri-octadecanoate
tri-octadécanoate
tri-octadecanoato



undecylate
undécylate
undecilato

undecylate
undécanoate
undecilato



undecylenas

undecylenate

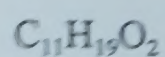
undécylénate

undecilenato

undecylenate

undéc-10-énoate

undecilenato



valeras

valerate

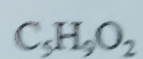
valérate

valerato

valerate

pentanoate

valerato



* * * * *

